

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Jin-Ho Park

Serial No.: To Be Assigned

Filed: Concurrently Herewith

For: A MULTIPLE OUTPUT DC/DC VOLTAGE CONVERTER AND A
LIQUID CRYSTAL DISPLAY USING THEREOF

June 18, 2001

Box PATENT APPLICATION

Commissioner for Patents

Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Please enter the following preliminary amendment before examining the present application:

In the Title:

Please delete the title in all occurrences and substitute the following title therefor: --MULTIPLE OUTPUT DC/DC VOLTAGE CONVERTERS--.

In the Specification:

Page 1, line 1, please enter the following section before the "**Field of the Invention**":

Cross Reference to Related Applications

This application is a divisional of Application Serial No. 09/130,005, filed August 6, 1998, entitled *A Multiple Output DC/DC Voltage Converter and a Liquid Crystal Display Using Thereof*, and also claims the benefit of Korean Application No. 97-37918, filed August 8, 1997 the disclosures of which are hereby incorporated herein in their entirety by reference.

In the Claims:

Please cancel Claims 1-9.

Please add the following new Claims 10-16:

10. A multiple output DC/DC converter comprising:
a transformer including a primary coil and a secondary coil that are coupled to one another by magnetic induction; and
a switch that is connected to the primary coil and that controls current switching therein;
wherein a first DC voltage is generated from the primary coil and a second DC voltage is generated from the secondary coil.

11. A converter according to Claim 10 further comprising a first rectifier and a second rectifier, wherein the primary coil is connected between an input voltage and the switch, wherein the first rectifier is connected to the primary coil to generate the first DC voltage therefrom and wherein the second rectifier is connected to the secondary coil to generate the second DC voltage therefrom.

12. A converter according to Claim 11 wherein the first rectifier comprises a first diode and a first capacitor and wherein the second rectifier comprises a second diode and a second capacitor.

13. A converter according to Claim 10 further comprising an inductor that is coupled across the primary coil, wherein the first DC voltage is generated from the primary coil and from the inductor.

14. A multiple output DC/DC converter comprising:
a transformer including a primary coil and a secondary coil that are coupled to one another by magnetic induction;
an inductor that is coupled across the primary coil; and
a switch that is connected to the inductor and that controls current switching therein;

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wherein a first DC voltage is generated from the inductor and a second DC voltage is generated from the secondary coil.

15. A converter according to Claim 14 further comprising a first rectifier and a second rectifier, wherein the inductor is connected between an input voltage and the switch, wherein the first rectifier is connected to the inductor to generate the first DC voltage therefrom and wherein the second rectifier is connected to the secondary coil to generate the second DC voltage therefrom.

16. A converter according to Claim 15 wherein the first rectifier comprises a first diode and a first capacitor and wherein the second rectifier comprises a second diode and a second capacitor.

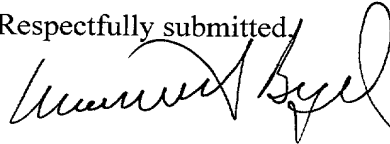
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REMARKS

The present divisional application is being filed for the subject matter of non-elected Claims 21-27 from the parent application, which has now been allowed. Claims 21-27 from the parent application have been renumbered as Claims 10-16. The title has been changed to reflect the claimed subject matter. Favorable examination and allowance of the present application is respectfully requested.

Respectfully submitted,



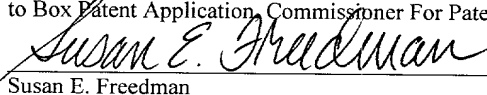
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Susan E. Freedman
Date of Signature: June 18, 2001

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